Creative Enzymes®

Bayer-18

Cat. No. CEI-1130

Lot. No. (See product label)

Introduction

Description	Bayer-18 is a selective TYK2 inhibitor, with an IC50=18.7nM on TYK2. The compound shows 1000 fold selectivity against JAK2, CDK and KDR.
Synonyms	JTK1

Product Information

CAS No.	1251752-12-1
Molecular Formula	C19H27FN6O2
Chemical Name	1-tert-butyl-3-[3-[[5-fluoro-4-[(2-hydroxy-1,1-dimethyl-ethyl)amino]pyrimidin-2-yl]amino]phenyl]urea
Molecular Weight	390.46
Purity	> 95%
Targets	TYK2
Solubility	DMSO > 112mg/mL Water >1mg/mL Ethanol > 4mg/mL

Storage and Shipping Information

Storage	4 centigrade
Stability	2 years -20 centigrade Powder 1 month -4 centigrade in DMSO More than one month -80 centigrade in DMSO